

Sorrento Area Channels – Reach 7 – MMP Map No. 9

Attachment 1 – IMP Maintenance Methodology

FACILITY/CHANNEL	FLINTKOTE CHANNEL (REACH 7A, 7B, & 7C)
DIMENSIONS	CONCRETE-LINED TRAPAZOIDAL CHANNEL(S) 1,000' LENGTH 8' BOTTOM WIDTH 16' TOP WIDTH 3' CHANNEL DEPTH -- 6" AVERAGE SEDIMENT DEPTH CUBIC YARDS: 125-175 (APPROXIMATE) MAXIMUM CUBIC YARDS: 300
MAINTENANCE METHOD	MECHANIZED SEDIMENT & VEGETATION REMOVAL
EQUIPMENT (EQUIPMENT WILL BE EQUIVELENT OR SMALLER IN SIZE/TYPE)	<ul style="list-style-type: none"> • SKID-STEER(S) (BOBCAT S650) • DUMP TRUCK(S) & PUP TRAILER (20 YD) • EXCAVATOR (JOHN DEERE 50D) • GRADALL • VACTOR (2100 PLUS PD) • SWEEPER (JOHNSON 4000 OR TYMCO 500X)
SCHEDULE: 6-8 DAYS; SA-SUN 6 AM TO 6 PM STAFFING: 8 – 12 PEOPLE	
MAINTENANCE PROCEDURE	
CHANNEL SEQUENCE	1. REACH 7A – STATION 0+00 TO 4+10 – CONCRETE ACCESS RAMP (FLINKOTE AVE) TO PEDESTRIAN BRIDGE ACROSS CHANNEL 2. REACH 7B – STATION 4+10 TO 7+41 – PEDISTRIAN BRIDGE ACROSS CHANNEL TO ROSELLE ST 3. REACH 7C – STATION 8+24 TO 10+80 – ROSELLE ST TO (2) 36" REINFORCED CONCRETE PIPES
ACCESS & LOADING AREA(S)	ACCESS & LOADING AREA-7A FOR REACH 7A – (2,280 SQ FT) EQUIPMENT ENTER/EXIT(S) CHANNEL VIA PERMENENT ACCESS RAMP LOCATED BETWEEN 11095 AND 11055 FLINKOTE AVE. ACCESS & LOADING AREA-7B FOR REACH 7B – (30' X 105') EQUIPMENT LOWERS SKID-STEER INTO CHANNEL FROM EXISTING PAVED PARKING LOT LOCATED AT 11040 ROSELLE ST. ACCESS & LOADING AREA-7C FOR REACH 7C – (842 FT SQ) SKID-STEER ENTER/EXIT(S) CHANNEL. EXCAVATOR STATIONED OUTSIDE CHANNEL ABOVE CHANNEL BANK TO REMOVE MATERIAL.
STAGING AREA(S)	STAGING AREA-7A: (190' X 40') WITHIN EXISTING PAVED PARKING LOT & LANDSCAPE AREA LOCATED AT 11065 ROSELLE ST.
METHODOLOGY	<u>REACH 7A:</u> 1. VACTOR REMOVES STANDING WATER FROM CHANNEL & THEN IS POSITIONED AT UPSTREAM END TO CAPTURE ANY INCOMING FLOWS. 2. CREWS INSTALL TEMPORARY GRAVEL BAG CHECK DAM ACROSS CHANNEL AT DOWNSTREAM END OF REACH 7A. 3. SKID-STEER(S) ENTER/EXIT(S) CHANNEL FROM EXISTING ACCESS RAMP (ACCESS & LOADING AREA-7A).

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	<ol style="list-style-type: none">4. SKID-STEER MOVES MATERIAL TO ACCESS & LOADING AREA-7A.5. SKID-STEER LOADS WAITING DUMP TRUCK AT ACCESS & LOADING AREA-7A.6. DUMP TRUCK(S) HAUL MATERIAL TO LEGAL DISPOSAL SITE. <p><u>REACH 7B:</u></p> <ol style="list-style-type: none">1. CREWS INSTALL TEMPORARY GRAVEL BAG CHECK DAM ACROSS CHANNEL AT DOWNSTREAM END OF REACH 7B.2. GRADALL LOWERS SKID-STEER INTO CHANNEL AT ACCESS & LOADING AREA-7B.3. SKID-STEER MOVES MATERIAL FROM PEDESTRIAN BRIDGE TO ACCESS & LOADING AREA-7B.4. GRADALL STATIONED OUTSIDE AND ABOVE CHANNEL BANK IN ACCESS & LOADING AREA-7B SCOOPS MATERIAL IN CHANNEL & LOADS INTO DUMP TRUCK.5. DUMP TRUCK(S) HAUL MATERIAL TO LEGAL DISPOSAL SITE. <p><u>REACH 7C:</u></p> <ol style="list-style-type: none">1. VACTOR REMOVES STANDING WATER FROM CHANNEL & THEN IS POSITIONED AT UPSTREAM END TO CAPTURE ANY INCOMING FLOWS.2. CREWS REMOVE FENCE AT ACCESS & LOADING AREA-7C.3. CREWS INSTALL TEMPORARY GRAVEL BAG CHECK DAM ACROSS CHANNEL AT DOWNSTREAM END OF REACH 7C.4. SKID-STEER ENTER/EXIT(S) CHANNEL FROM ACCESS & LOADING AREA-7C.5. SKID-STEER MOVES MATERIAL TO ACCESS & LOADING AREA-7C.6. EXCAVATOR STATIONED OUTSIDE & ABOVE CHANNEL BANK IN ACCESS & LOADING AREA-7C EXCAVATES MATERIAL FROM CHANNEL.7. EXCAVATOR LOADS MATERIAL INTO WAITING DUMP TRUCK IN STAGING AREA-7C.8. DUMP TRUCK(S) HAULS MATERIAL TO A LEGAL DISPOSAL SITE. <p>OPTIONAL METHODOLOGY FOR REACH 7B & 7C IF PRIVATE PROPERTY ACCESS IS NOT GRANTED</p> <ol style="list-style-type: none">1. VACTORS ARE PARKED IN ROSELLE ST NEAR STATION 7+41 AND 8+24.2. CREWS MANUALLY PUSH MATERIAL WITH SHOVELS TO VACTOR TUBE.3. VACTORS HAUL MATERIAL TO A LEGAL DISPOSAL SITE.
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POST-MAINTENANCE	<p>DEMOBILIZE EQUIPMENT.</p> <p>REPLACE FENCE AT ACCESS & LOADING AREA-7C.</p> <p>RESTORE SITE, INCLUDING TEMPORARY ACCESS/LOADING AREA(S), TO PRE-MAINTENANCE OR AS-BUILT CONDITION.</p> <p>REMOVE TEMPORARY CONSTRUCTION BMPS.</p>
OTHER NOTES	<p>SWEEPERS WILL SWEEP ALL STAGING AREAS, ADJACENT PUBLIC RIGHT OF WAY, & TRUCK ROUTES NIGHTLY.</p> <p>REMOVE STANDING WATER (IF ANY) WITHIN DRAINAGE FACILITY WITH VACTOR.</p> <p>NO FUELING TO HAPPEN ON-SITE. EQUIPMENT WILL BE FUELED OFF-SITE.</p> <p>CITY WILL IMPLEMENT A WEATHER-TRIGGERED ACTION PLAN, AS DESCRIBED IN THE WATER POLLUTION CONTROL PLAN, PRIOR TO A FORECASTED SIGNIFICANT RAIN EVENT.</p>